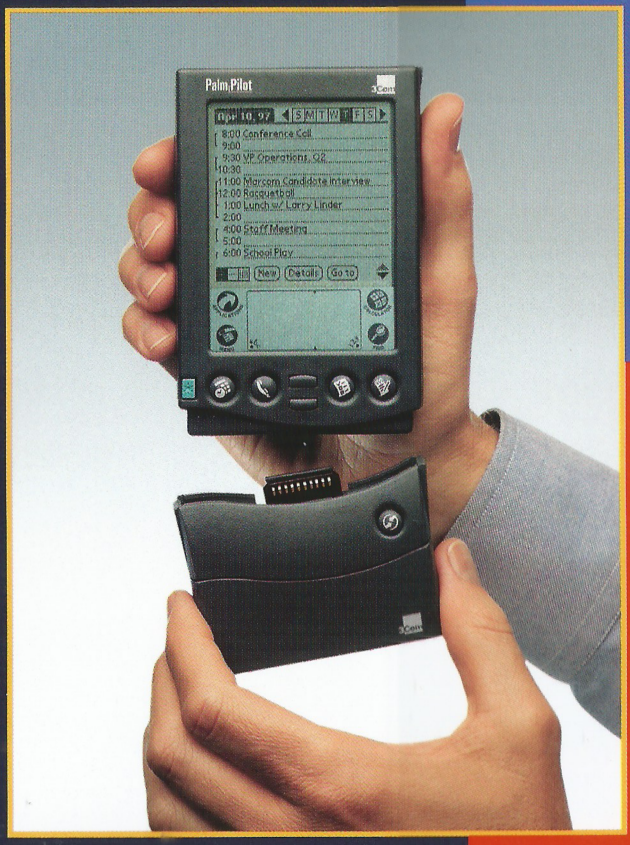
PalmPilot™

Modem

3Com®



HANDBOOK

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PalmPilot™ Modem Handbook

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Part Number: 423-0211-01B

Contents

Introduction **1**
What's In Your Package 1

Setting Up the PalmPilot™ Modem **3**
Attaching PalmPilot Modem 3
Detaching PalmPilot Modem 4
Attaching the Cables 4
Using the Correct Telephone Line Type 5
Using PalmPilot Modem for HotSync™ Operations 5
Configuring PalmPilot 5
Modem Preferences Settings (U.S. and Canada) 6
Modem Preferences Settings (U.K.) 7
Phone Setup Settings 8
Low Battery Warning 9
Replacing the Batteries 9

Specifications **11**

Technical Support **14**

Warranty **15**

Appendix A: AT Commands **18**
Changing Your Initialization String 18
Using the Correct Syntax 18
More Information 19
AT Commands 19
S-Register Settings 25

Appendix B: Regulatory Information **27**

Introduction

Congratulations on purchasing the PalmPilot™ Modem, an external, snap-on, modem for your PalmPilot connected organizer. The PalmPilot Modem enables you to send and receive data transmitted between PalmPilot Modem and another modem. This data transfer takes place via regular (analog) telephone lines.

PalmPilot Modem is convenient and easy-to-use. Installation is easy — you simply snap it on to the bottom of your PalmPilot. Once installed, you can perform remote HotSync™ operations as easily as you can from the Cradle — by pressing a single button.

With the PalmPilot Modem, you can:

- Easily perform remote HotSync operations
- Synchronize your PalmPilot and your desktop with one touch
- Take full advantage of the PalmPilot Professional organizer's applications, like Mail, Network HotSync technology, and TCP/IP.

What's In Your Package

Check the contents of this package to make sure everything listed below is there and ready to be used. Your package should include:

- PalmPilot Modem
- Two pre-installed AAA Alkaline batteries
- An RJ11-to-RJ11 telephone cable (For U.K. users, an RJ11 to BS431A telephone cable)
- PalmPilot Modem Handbook

Setting Up the PalmPilot™ Modem

To set up your PalmPilot Modem, you need to:

- Attach the PalmPilot Modem to your PalmPilot connected organizer
- Attach the telephone line to your PalmPilot Modem
- Configure your PalmPilot organizer's Modem Preferences and Phone Setup information.

In addition to setting up your PalmPilot Modem, you need to know how to:

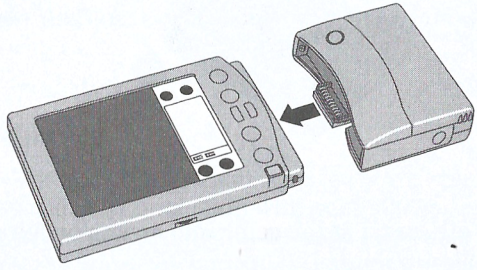
- Replace the PalmPilot Modem batteries
- Detach the PalmPilot Modem from your PalmPilot.

All of these steps are described in the following chapter.

Note: Refer to the Appendix A for information about AT commands: what they are, how they work, and how to enter them.

Attaching PalmPilot Modem

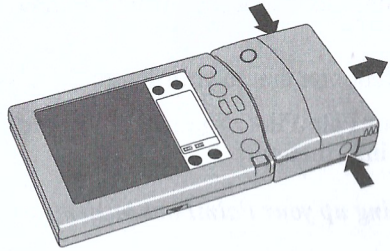
To attach the PalmPilot Modem to your PalmPilot organizer, simply snap it on to the bottom of your PalmPilot so that it is securely connected, as shown in the following diagram:



When correctly installed, the curved edge on the bottom of the PalmPilot will align smoothly with the modem.

Detaching PalmPilot Modem

To remove the PalmPilot Modem from your PalmPilot organizer, simply press the buttons on either side of the modem (using your thumb and index finger) and gently slide the modem away from your PalmPilot, as shown in the following diagram:



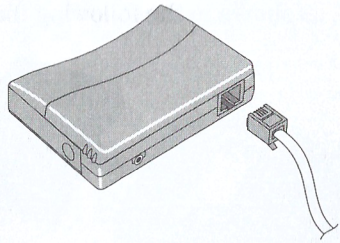
Attaching the Cables

The PalmPilot Modem uses a standard RJ11-to-RJ11 cable to connect to your telephone service.

Note: For U.K. users, an RJ11 to BS431A phone cable is provided.

To attach the cable:

1. Gently push one end of the RJ11 cable into the female jack located on the bottom of your PalmPilot organizer, as shown in the following diagram:



2. Push the other end of the cable into an analog telephone jack on the wall.

Note: You can also plug an analog telephone line from your telephone directly into your modem.

Using the Correct Telephone Line Type

It is important to use a standard analog telephone line, which is commonly used in households today. If you are in an office, use a line that is connected to a fax machine or another modem. If you are in a hotel, request a room with a standard telephone line or a data port.

If you are not sure what kind of line you are connecting to, check with the local telephone company or telephone administrator before you try to send data.

If you try to transmit data using the wrong kind of telephone line (such as a line from a digital PBX, which is common in many offices and hotels), your PalmPilot Modem will emit **three beeps**. If this occurs, disconnect the telephone cable from your PalmPilot Modem immediately and find an analog telephone line to use.

Using PalmPilot Modem for HotSync™ Operations

Once you have attached your PalmPilot Modem to your PalmPilot, connected the telephone cable, and configured modem and telephone settings, you are ready to use the PalmPilot Modem. Just press the HotSync button, located on the front of the PalmPilot Modem.

Note: For users of the Pilot 1000 or Pilot 5000 connected organizer, you need to go to the HotSync screen and choose the Modem HotSync option to synchronize your PalmPilot organizer with your PalmPilot Desktop. For more information about remote/modem HotSync operations, refer to the *PalmPilot Handbook*.

Configuring PalmPilot

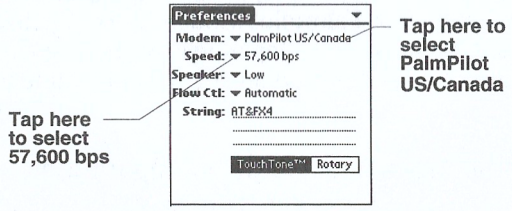
PalmPilot Modem uses the Modem Sync software resident in your PalmPilot to establish a connection with another modem. Because of this, you must enter Phone Setup settings to be able to use the PalmPilot Modem. For more information about these settings, refer to the *PalmPilot Handbook*.

Modem Preferences Settings (U.S. and Canada)

The easiest way to reach the PalmPilot organizer's Modem Preferences screen is via the Modem Setup button from the HotSync screen.

To configure the PalmPilot organizer's Modem Preferences settings:

1. Tap the Applications button. The Applications Picker appears.
2. Tap the HotSync button. The screen will change to display the HotSync screen.
3. Tap the Modem Setup button. The Modem Preferences screen appears, as shown in the following diagram:



4. Tap anywhere in the Modem field. The Modem pick list appears, listing all of the modems supported by your PalmPilot.
5. Tap PalmPilot US/Canada to select it. The Modem field immediately displays that selection and the String field updates to display the appropriate startup string for PalmPilot Modem.

   Note: For the Pilot 1000 or Pilot 5000, select the Megahertz® modem.
6. Tap anywhere in the Speed field. The Speed pick list appears, listing the available modem speeds.
7. Tap 57,600 bps to select it. The Speed field immediately displays that selection.

Note: Choosing this particular speed will enable you to obtain the best performance from your PalmPilot Modem. Although your PalmPilot Modem is rated at 14,400 bps, it is recommended that you choose 57,600 bps to take advantage of the PalmPilot to modem communications and the modem's V.42bis data compression.

8. Tap done to confirm your selections and return to the HotSync screen.

Modem Preferences Settings (U.K.)

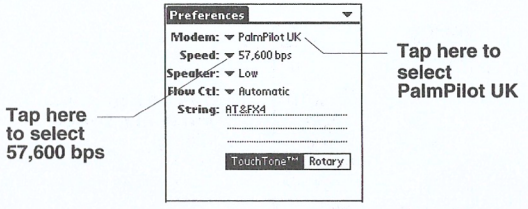
The easiest way to reach the PalmPilot organizer's Modem Preferences screen is via the Modem Setup button from the HotSync screen.

To configure the PalmPilot organizer's Modem Preferences settings:

1. Tap the Applications button. The Applications Picker appears.

2. Tap the HotSync Application button. The screen will change to display the HotSync screen.

3. Tap the Modem Setup button. The Modem Preferences screen appears, as shown in the following diagram:



4. Tap anywhere in the Modem field. The Modem pick list appears, listing all of the modems supported by your PalmPilot.

5. Tap PalmPilot UK to select it. The Modem field immediately displays that selection and the String field updates to display the appropriate startup string for PalmPilot Modem.

   Note: For the Pilot 1000 or Pilot 5000, select the Megahertz® modem.

6. Tap anywhere in the Speed field. The Speed pick list appears, listing the available modem speeds.

7. Tap 57,600 bps to select it. The Speed field immediately displays that selection.

Note: Choosing this particular speed will enable you to obtain the best performance from your PalmPilot Modem. Although your PalmPilot Modem is rated at 14,400 bps, it is recommended that you choose 57,600 bps to take advantage of the PalmPilot to

modem communications and the modem's V.42bis data compression.

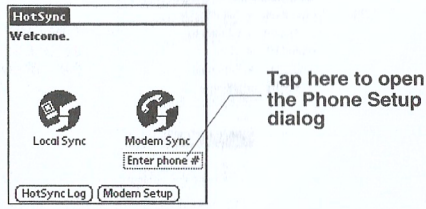
8. Tap done to confirm your selections and return to the HotSync screen.

Phone Setup Settings

You can access and configure the PalmPilot organizer's Phone Setup settings from the HotSync screen.

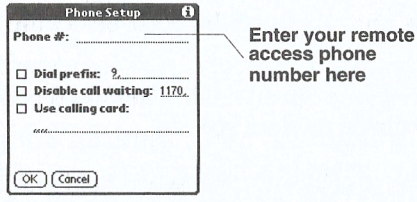
To configure PalmPilot's Phone Settings:

1. From the PalmPilot organizer's HotSync Screen, tap the Enter Phone # button, as shown in the following diagram:



Note: For the Pilot 1000 or Pilot 5000, tap the Modem Setup button to locate the Phone Number button.

2. The Phone Setup dialog appears, as shown in the following diagram:



3. The cursor is displayed at the beginning of the Phone # field, representing the point where new text will appear. Use the stylus to write Graffiti® character strokes (or the on-screen keyboard) to enter the appropriate telephone number to access your remote modem.

4. If you need a prefix, (such as 9) to access an outside line, tap the Dial Prefix box (so that it's checked). Tap at the beginning of the Dial Prefix field to insert the cursor, then enter the appropriate prefix, followed by a comma. The comma is a control character that tells your PalmPilot to pause for 2 seconds before dialing the main telephone number.

5. If you need to disable Call Waiting, tap the Disable Call Waiting box (so that it's checked). Tap at the beginning of the field to insert the cursor, then enter the code to disable call waiting.

Note: Each telephone company has assigned a code to disable call waiting. Two common examples are *70 and 1170. Contact your local telephone company for the code that is appropriate for you.

6. If you need to use a calling card, tap the Use Calling Card box (so that it's checked). Tap at the beginning of the field to insert the cursor, then enter your calling card number.

Note: Most telephone companies broadcast a sound cue to let you know when to enter your calling card number. It's a good idea to add an ampersand (&) or at least three commas at the beginning of your calling card number to compensate for any cue delay.

7. Tap the OK button to confirm your selections and return to the HotSync screen.

Low Battery Warning

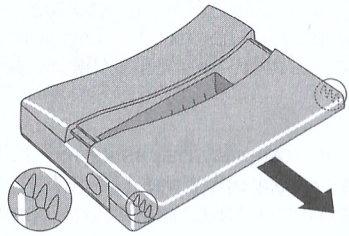
When the PalmPilot Modem has approximately four minutes of battery time left, you will hear three short beeps. These beeps will repeat every minute until the batteries are drained. When you hear this warning, you should replace your batteries as soon as possible.

Replacing the Batteries

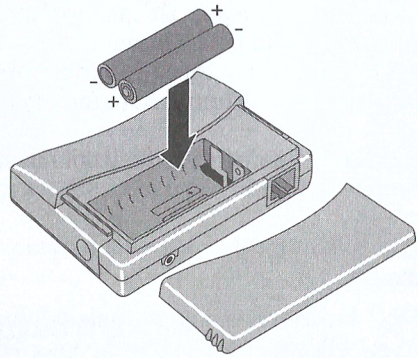
The PalmPilot Modem uses two (2) AAA alkaline batteries. The batteries fit behind the battery door on the front panel of your PalmPilot Modem.

To replace the batteries:

1. With the front of PalmPilot Modem facing you, place your fingers on either side of PalmPilot Modem. Using the small ridges to grip the battery door, slide the battery door toward you and away from the PalmPilot Modem, as shown in the following diagram:



2. Remove the existing batteries from the battery compartment, paying close attention to the orientation of the batteries as shown in the following diagram:



3. Replace the battery door. When correctly installed, the battery door will click into position and be flush with the front of the PalmPilot Modem.

WARNING: Damage to your modem may occur if the batteries are installed incorrectly.

Specifications

Asynchronous Character Format

Up to 10 bits, including data, start, stop, and parity bits

Asynchronous Data Rates

Transmission rate fallback through 300 bps

Chipset

Rockwell ACG

Compatible Public Switched Network Jacks

RJ11

Dialing Capability

Tone (U.S. and U.K.) and rotary pulse (U.S. only)

Line Requirements

Public switched telephone network including international connections

Operating Environment

Altitude:	Up to 20,000 ft.
Humidity:	10% to 90% non-condensing

Operating Temperature

Operating:	0º to 50ºC
Storage:	-25º to 125ºC

Technical Support

For technical support, service, and repair information in the U.S.:

(847) 676-1441 (phone support, 8am - 6pm CST Monday - Friday)

(847) 676-7323 (facsimile) *State product name, model number, and the nature of the problem.*

For technical support outside the U. S. and Canada, please contact your local 3Com representative.

Technical Support, Eruope

+33 (0) 3 20 19 24 24
+33 (0) 3 20 19 24 34 (FAX)

Ordering PalmPilot Accessories

In the U.S. and Canada:

(800) 881-7256

Outside the U.S. and Canada:
(408) 848-5604

In the U.K.:
0800 22 52 51

Online Support

Web Access	http://www.palmpilot.com
Fax on Demand	800-762-6163
Internet	support@palmpilot.com
America Online *User Forum*	Keyword: PalmPilot
CompuServe *User Forum*	GO PALMB>Palm Computing/3Com

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Products or parts shipped by Customer must be sent prepaid and packaged appropriately for safe shipment; obtaining insurance for packages is advisable. In the United States, if such products or parts are not shipped by Customer to arrive at 3Com within thirty (30) days from the date warranty service authorization is provided, Customer will pay 3Com the price of such product or part at the then-current published catalog price.

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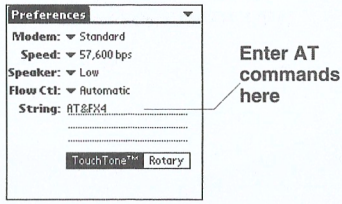
(650) 237-6000

Appendix A: AT Commands

AT commands (also known as the AT Command set) is a way to make modems function the way you want them to. AT commands configure the modem for operation. Typical users will not have to use AT commands; they are included here for the experienced user who is having difficulty using default settings.

Changing Your Initialization String

AT commands can be entered in the Initialization String field of your PalmPilot organizer's Modem Preferences screen, as shown in the following diagram:



Tap the Done button to confirm your entry.

Using the Correct Syntax

Typical AT commands except A/ are preceded by AT, in the following format:

AT<command><value>

where command is the symbol and letter representing the AT command, and value is the new setting.

AT commands are case sensitive so you must use either upper or lower case letters as long as you use all upper or all lower case letters. For example, you could enter **AT** or **at** but not **At**. Spaces between commands are not necessary but putting them between commands (so that they are easier to read) will not affect the commands.

Note: In the AT Command Summary Table, the character 0 indicates the number zero. Almost all commands use 0 (zero). Any command that uses the letter O will say O (letter).

More Information

- Each AT command string can contain up to 40 characters.
- Many AT commands are interrelated, meaning that what some commands do depends on the setting of other commands.
- When a command letter is entered without a number following it, 0 (zero) is assumed. For example, AT&L is the same as AT&L0.
- The PalmPilot viewer will respond with OK. A summary of result codes follows the AT Command Summary table.
- Often S-Register values can be changed by either entering an AT command or by entering the new value of the S-Register (preceded by AT). For example, both AT&K3 and ATS39=3 reset the value of the S-Register to 3.

The following tables summarize the AT commands, result codes, and S-Registers that pertain to PalmPilot Modem. When you see <v>, that means that you must enter a letter, number, or symbol. When you see <n>, that means that you must enter a number. The possible values are listed below the command.

AT Commands

Command	Description	U.S. Defaults
A/	Re-execute command	
A	Go off-hook and attempt to answer a call	
ATDL	Dial last number	
B0	Select CCITT connection at 300 or 1200 bps	
B1	Select Bell connection at 300 or 1200 bps	√
D	Dial	
E0	Turn off Echo command	

E1	Turn on Echo command	√
F0	Select auto-detect mode (equivalent to N1)	√
F1	Select V.21 or Bell 103 at 300 bps line modulation	
F3	Select V.23 line modulation	
F4	Select V.22 or Bell 212A 1200 bps line speed	
F5	Select V.22bis 2400 bps line modulation	
F6	Select V.32bis or V.32 4800 bps line modulation	
F7	Select V.32bis 7200 bps line modulation	
F8	Select V.32bis or V.32 9600 bps line modulation	
F9	Select V.32bis 12000 bps line modulation	
F10	Select V.32bis 14400 bps line modulation	
H0	Initiate a hang-up sequence	
I0	Reports product code	
I1	Report pre-computed checksum from ROM	
I2	Return OK message	
I3	Report firmware revision	
I4	Report response programmed by an OEM	
I5	Report the country code	
I6	Report modem data pump model and internal code revision	
L0	Set medium speaker volume (same as L3)	
L1	Set medium speaker volume (same as L3)	
L2	Set medium speaker volume (same as L3)	
L3	Set medium speaker volume	√
M0	Turn speaker off	
M1	Turn speaker on during handshaking and turn speaker off while receiving carrier	√

M2	Turn speaker on during handshaking and while receiving carrier	
M3	Turn speaker off during dialing and receiving carrier and turn speaker on during answering	
N0	Turn off auto-mode detection	
N1	Turn on auto-mode detection	√
O (letter) 0	Go on-line	
O (letter) 1	Go on-line and initiate a retrain sequence	
P	Force pulse dialing	
Q0	Allow result codes to DTE	√
Q1	Inhibit result codes to DTE	
Sn?	Return the value of S-Register n	
Sn=v	Set S-Register n to value v	
?	Return the value of default S-Register	
T	Force DTMF dialing	
V0	Report short form (terse) result codes	
V1	Report long form (verbose) result codes	√
W0	Report DTE speed	
W1	Report line speed, EC protocol and DTE speed	
W2	Report DCE speed	√
X0	Report basic call progress result codes: i.e., OK, CONNECT, RING, NO CARRIER, (also, for busy, if enabled, and dial tone not detected), NO ANSWER and ERROR	
X1	Report basic call progress result codes and connection speeds: (OK, CONNECT, RING, NO CARRIER (also, for busy, if enabled, and dial tone not detected), NO ANSWER, CONNECT XXXX and ERROR	
X2	Report basic call progress result codes and connection speeds: i.e., OK, CONNECT, RING, NO CARRIER (also, for busy, if enabled), NO DIAL TONE, NO ANSWER, CONNECT XXXX and ERROR	

X3	Report basic call progress and result codes and connection rate: i.e., OK, CONNECT, RING, NO CARRIER, NO ANSWER, CONNECT XXXX, BUSY and ERROR	
X4	Report all call progress result codes and connection rate: i.e., OK, CONNECT, RING, NO CARRIER, NO ANSWER, CONNECT XXXX, BUSY, NO DIAL TONE and ERROR	√
Y0	Disable long space disconnect before on-hook	√
Y1	Enable long space disconnect before on-hook	
Z0	Restore stored profile 0 after soft reset	
Z1	Restore stored profile 1 after soft reset	
&C0	Force RLSD active regardless of the carrier state	
&C1	Allow RLSD to follow the carrier state	√
&D0	Interpret DTR ON-to-OFF transition per Qn	
&D1	Interpret DTR ON-to-OFF transition per Qn	
&D2	Interpret DTR ON-to-OFF transition per Qn	√
&D3	Interpret DTR ON-to-OFF transition per Qn	
&F	Recall (restore) factory profile	
&G0	Disable guard tone	√
&G1	Disable guard tone	
&G2	Enable 1800 Hz guard tone	
&K0	Disable DTE/DCE flow control	
&K3	Enable RTS/CTS DTE/DCE flow control	√
&K4	Enable XON/XOFF DTE/DCE flow control	
&K5	Enable Transparent XON/XOFF flow control	
&K6	Enable RTS/CTS and XON/XOFF flow control	
&M0	Select direct asynchronous mode	

&M1	Select sync connect with async off-line command mode	
&M2	Select sync connect with async off-line command mode and enable DTR dialing of directory zero	
&M3	Select sync connect with async off-line command mode	
&P0	Set 10 pps pulse dial with 39%/61% make/break	√
&P1	Set 10 pps pulse dial with 33%/67% make/break	
&P2	Set 20 pps pulse dial with 39%/61% make/break	
&P3	Set 20 pps pulse dial with 33%/67% make/break	
&Q0	Select direct asynchronous mode	
&Q1	Select sync connect with async off-line command mode	
&Q2	Select sync connect with async off-line command mode and enable DTR dialing of directory zero	
&Q3	Select sync connect with async off-line command mode and enable DTR to act as Talk/Data switch	
&Q4	Select Hayes AutoSync mode	
&Q5	Modem negotiates an error corrected link	√
&Q6	Select asynchronous operations in normal mode	
&R0	CTS tracks RTS (async) or acts per V.25 (sync)	
&R1	CTS is always active	√
&V	Display current configurations	
&W0	Store the active profile in NVRAM profile 0	
&W1	Store the active profile in NVRAM profile 1	
&X0	Select internal timing for the transmit clock	√
&X2	Select slave receive timing for the transmit clock	
&Y0	Recall stored profile 0 upon power up	√

&Y1	Recall stored profile 1 upon power up	
&Zn=X	Store dial string x	
%C0	Disable data compression	
%C1	Enable MNP 5 data compression	
%C2	Enable V.42 bis data compression	
%C3	Enable both V.42 bis and MNP 5 compression	√
%E1	Enable line quality monitor and auto retrain	
%E2	Enable line quality monitor and fallback/fall forward	√
%E3	Enable line quality monitor & auto-retrain (fast hang-up)	
%L	Return received line signal level	
%Q	Report the line signal quality	
%TTn	PTT certification test signals	
\A0	Set maximum block size in MNP to 64	
\A1	Set maximum block size in MNP to 128	√
\A2	Set maximum block size in MNP to 192	
\A3	Set maximum block size in MNP to 256	
\Bn	Send break of n x 100 mS	
\G0	Disable modem to modem XON/XOFF flow control	√
\G1	Enable modem to modem XON/XOFF flow control	
\Kn	Controls break handling during three states	
\L0	Use stream mode for MNP	
\L1	Use block mode for MNP	
\N0	Select normal speed buffered mode	
\N1	Select direct mode	
\N2	Select reliable link mode	
\N3	Select auto reliable link mode	√
\N4	Force LAPM mode	
\N5	Force MNP mode	

S-Register Settings

Reg	Function	Range	Default		Units
			Pro 0	Pro 1	
S0	Rings to Auto Answer	0-255	0	0	rings
S1	Ring Counter	0-255	0	0	rings
S2	Escape Character	0-127	43	43	ASCII
S3	Carriage Return Character	0-127	13	13	ASCII
S4	Line Feed Character	0-127	10	10	ASCII
S5	Backspace Character	0-32	8	8	ASCII
S6	Wait Time for Dial Tone	2-255	4	4	S
S7	Wait Time for Carrier	1-255	50	50	S
S8	Pause Time for Dial Delay	2-255	6	6	0.1 S
S9	Carrier Detect Response Time	1-255	6	6	0.1 S
S10	Lost Carrier to Hangup Delay	1-255	14	14	0.1 S
S11	DTMF Tone Duration	50-255	95	95	mS
S12	Escape Code Guard Time	0-255	50	50	.02 S
S14	General Bit Mapped Options		138	138	
S16	General Bit Mapped Test Options (&T)		0	0	
S18	Test Timer	0-255	0	0	S
S19	Autosync Register		0	0	
S20	Autosync HDLC Address or BSC Sync Character	0-255	0	0	
S21	V.24/General Bit Mapped Options		116	116	
S22	Speaker/Results Bit Mapped Options		119	119	
S23	General Bit Mapped Options		54	54	
S25	Delay to DTR	0-255	1	1	S
S26	RTS-to-CTS Delay	0-255	1	1	.01 S
S27	General Bit Mapped Options		73	73	
S28	General Bit Mapped Options		0	0	
S29	Flash Dial Modifier Time	70	70	70	10 mS
S30	Disconnect Inactivity Timer	0-255	0	0	10 S

S31	General Bit Mapped Options		194	202	
S32	XON Character	0-255	17	17	ASCII
S33	XOFF Character	0-255	19	19	ASCII
S36	LAPM Failure Control		7	4	
S37	Desired Line Connection Speed		0	0	
S38	Delay Before Forced Hangup	0-255	20	20	S
S39	Flow Control		3	3	
S40	General Bit Mapped Options		104	104	
S41	General Bit Mapped Options		195	195	
S46	Data Compression Control	136, 138	138	138	
S48	V.42 Negotiation Control	0, 7, 128	7	128	
S82	Break Handling Options	3, 7, 128	128	128	
S86	Call Failure Reason Code	4-14			
S91	PSTN Transmit Attenuation Level	10	10	10	-dbm
S95	Extended Result Codes		47	47	
S202	Remote Access Escape Character	0-255	170	170	ASCII

Appendix B: Regulatory Information

FCC-68

This equipment complies with Part 68 of the FCC Rules. A label is attached to this equipment that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.

This equipment uses the following USOC jacks: RJ11C.

The REN is used to determine the quantity of devices that may be connected to the telephone line. Excessive RENs on the telephone line may result in the devices not ringing in response to an incoming call. In most, but not all areas, the sum of the RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to the line, as determined by the total RENs, contact the telephone company to determine the maximum REN for the calling area.

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. If advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the operation of the equipment. If this happens, the telephone company will provide advance notice in order for you to make the necessary modifications in order to maintain uninterrupted service.

If trouble is experienced with this equipment, please contact 3Com at (847) 676-1441 for repair and warranty information. If the trouble is causing harm to the telephone network, the telephone company may request you remove the equipment from the network until the problem is resolved.

The user must use the accessories and cables supplied by the manufacturer to get optimum performance from the product.

No repairs may be done by the customer.

This equipment cannot be used on telephone company provided coin service. Connection to Party Line Service is subject to state tariffs.

When programming and/or making test calls to emergency numbers:

- Remain on the line and briefly explain to the dispatcher the reason for the call.
- Perform such activities in the off-peak hours such as early morning or late evenings.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device to send any message via a telephone facsimile machine unless such a message clearly contains, in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business, other entity, or individual sending the message and the telephone number of the sending machine of such business, other entity, or individual.

In order to program this information into your facsimile, refer to your communications software user manual.

FCC-15

This equipment has been tested and found to comply with the limits for a Class B digital device as applicable, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operations is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The user must use the accessories and cables supplied by the manufacturer to get optimum performance from the product.

Note: This device was tested to comply with FCC-15 Class B requirements.

Manufacturers Declaration of Conformity

3Com Corporation
Mobile Communications Corp.
605 North 5600 West
PO Box 16020
Salt Lake City, UT 84116
(800) 527-8677

PalmPilot Modem

FC Tested To Comply With FCC Standards

FOR HOME OR OFFICE

Declares this product:

Date:	20 December 1996
Name:	PalmPilot Modem
Model Number:	PalmPilot Modem
Equipment Type:	Modem

Complies with Part 15 of the FCC rules. *Operation is subject to the following two conditions: (1) this device may cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.*

Industry Canada (ICES-003)

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Note: This device was tested to comply with FCC-15 Class B requirements in the cases of the following configurations:

(a) Modem

The user must use the accessories and cables supplied by the manufacturer to get optimum performance from the product.

Industry Canada (CS-03)

The Load Number of this modem is 5. The standard connecting arrangement code for this equipment as specified in CP-01, Section 1.8.3 is CA11A.

The Ringer Equivalence Number (REN) assigned to each terminal device provides an indication of the maximum number of terminals allowed to be connected to a telephone interface. The termination on an interface may consist of any combination of devices subject only to the requirement that the sum of the Ringer Equivalence Numbers of all the devices does not exceed 5.

The Industry Canada label identifies certified equipment. This certification means that the equipment meets certain telecommunications network protective, operational and safety requirements as prescribed in the appropriate Terminal Equipment Technical Requirements document(s). The Department does not guarantee the equipment will operate to the user's satisfaction.

Before installing this equipment, users should ensure that it is permissible to be connected to the facilities of the local telecommunications company. The equipment must also be installed using an acceptable method of connection. The customer should be aware that compliance with the above conditions may not prevent degradation of service in some situations.

Repairs to certified equipment should be coordinated by a representative designated by the supplier. Any repairs or alterations made by the user to this equipment, or equipment malfunctions, may give the telecommunications company cause to request the user to disconnect the equipment.

Users should ensure for their own protection that the electrical ground connections of the power utility, telephone lines and internal metallic water pipe systems, if present, are connected together. This precaution may be particularly important in rural areas.

CAUTION: Users should not attempt to make such connections themselves, but should contact the appropriate electric inspection authority, or electrician, as appropriate.

CE Mark

Electromagnetic Compatibility

This device complies with the following standard in accordance with the European Directive 89/336/EEC.

- Immunity: EN 50082-1 1992
- Emission: EN 55022 Class B 1987

Safety

This device complies with the following standard in accordance with the European Directive 73/23/EEC.

- EN 60950/A3 1995

PalmPilot™

3Com®

Modem

One touch synchronization
from remote locations.

PalmPilot Modem

One-touch Synchronization from Remote Locations

PalmPilot Modem's remote HotSync™ feature provides you with one-touch synchronization from your PalmPilot connected organizer to your desktop applications—including e-mail.

Remote E-mail Capability

Receive and send e-mail* messages with your PalmPilot organizer while you are away from the office.

No Cables

Connects easily to your PalmPilot, Pilot 1000 or Pilot 5000 organizer with a secure snap-on fit.

Pocket Size

Fits into a briefcase, pocket or purse.

Remote HotSync Capability

One-touch synchronization with Personal Information Management (PIM) data on your desktop PC.

Long Battery Life

Two AAA batteries, pre-installed, allow for more than 5 hours of connection time, or approximately 150 synchronizations

Fast Connections

The remote HotSync feature typically takes less than 2 minutes. (14,400 bps Baud Rate)

* E-mail capability requires PalmPilot Professional Edition organizer and desktop software. Mail application is compatible with: Microsoft Exchange 4.0; MS Outlook 97; MS Mail 3.5; Windows Messaging 4.0; Windows for Workgroups Mail; Lotus cc:Mail versions 7.0, 6.0, 2.5; and Eudora 3.0.1 or higher. PalmPilot Mail is not supported on Macintosh version.

PalmPilot Modem is compatible with PalmPilot Personal and Professional Editions, Pilot 1000 and Pilot 5000 connected organizers.

Warranty One year limited warranty

Regulatory Approvals
FCC approved (Part 15 Class B/Part68)
IC (formerly DOC) approved

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